

# **Results from Fast and Focused Search**

## **On Application 10/781703**

**File 347:JAPIO Dec 1976-2009/Oct(Updated 100129)**

**(c) 2010 JPO & JAPIO**

**File 348:EUROPEAN PATENTS 1978-201008**

**(c) 2010 European Patent Office**

**File 349:PCT FULLTEXT 1979-2010/UB=20100218|UT=20100211**

**(c) 2010 WIPO/Thomson**

**File 350:Derwent WPIX 1963-2010/UD=201013**

**(c) 2010 Thomson Reuters**

Set	Items	Description
S1	16850	(CONFIDENTIAL? OR PROTECTED) (4N) INFORMATION
S2	1302	(NAME OR NAMES OR ID OR IDS OR IDENTIFICATION) (4N) (TRANSMI? OR BROADCAST? OR REBROADCAST? OR ANNOUNC?)
S3	47	S2 (6N) S1
S4	32	S3 NOT AY>2003
S5	15	EYES ( ) ONLY
S6	0	S5 (S) S1
S7	11	AUDIO ( ) WATERMARK?

7/3K/2 (Item 1 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01777503

**METHOD AND APPARATUS FOR DISTRIBUTING DIGITAL CONTENT  
PROCEDE ET APPAREIL DE DISTRIBUTION D'UN CONTENU NUMERIQUE**

**Patent Applicant/Patent Assignee:**

- **SONY BMG MUSIC ENTERTAINMENT**  
555 Madison Avenue, New York, NY 10022; US; US (Residence); US  
(Nationality); (For all designated states except: US)

**Patent Applicant/Inventor:**

- **LEVINE Scott**  
New York, NY; US; US (Residence); US (Nationality); (Designated only for: US)

**Legal Representative:**

- **WEISZ Tiberiu (agent)**  
Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY  
10016; US

	Country	Number	Kind	Date
Patent	WO	200918562	A2-A3	20090205
Application	WO	2008US72060		20080804
Priorities	US	2007953484		20070802
	US	2008185159		20080804

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB;  
BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO;  
CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE;  
EG; ES; FI; GB; GD; GE; GH; GM; GT; HN;  
HR; HU; ID; IL; IN; IS; JP; KE; KG; KM;  
KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT;  
LU; LY; MA; MD; ME; MG; MK; MN; MW; MX;  
MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH;  
PL; PT; RO; RS; RU; SC; SD; SE; SG; SK;  
SL; SM; ST; SV; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HR; HU; IE; IS; IT; LT;  
LU; LV; MC; MT; NL; NO; PL; PT; RO; SE;  
SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: English

Filing Language: English

Fulltext word count: 12053

## Detailed Description:

...value-added content and services ("VACS"). Moreover, optionally, playback control is offered to the content owners through a combination of watermarks, digital signatures and encryption.

**Audio Watermarking Overview** An **audio watermark** is data that is embedded directly within the audio signal itself. The **audio watermark** is imperceptible by humans, but can be read by computer software. There are many companies that supply **audio watermarking** technology. The present system can use any **audio watermarking**, as long as (i) it is not perceptible by listeners, (ii) it is difficult to remove, and (iii) there are enough bits available in the watermark payload for our particular needs.

Presently there are various types of **audio watermarks** available, which are broadly classified into two groups: static and transactional.

A static watermark is embedded once per master copy, usually by the content owner...content and services, and may offer the content owners a certain amount of content protection.

The additional information can be included in an in-band **audio watermark** and/or an out-of-band header. The main advantage of placing information in a watermark is that the **audio watermark** is robust (i.e., it is very difficult for someone to remove the information). The disadvantage is that there are not many bits available to embed robustly and inaudibly in a watermark. In addition, **audio watermarking** can be expensive from a time, cost and computational perspective, especially if a watermark is embedded in a transactional manner.

On the other hand, it...amount of forensic ability to trace the origin of an illegally modified file. In the example below, the content owner includes the RetailerID in an **audio watermark** (which identifies the retailer who sold the file), and a retailer includes an individual consumer's UserID in the watermark just before it is sold...

## Claims:

...the presentation of said digital content.

13. The method of claim 12 wherein said digital content is an audio clip and said watermark is an **audio watermark**.

14. The method of claim 10 further comprising generating a modified header identifying a second user and sending said modified header.

15. The method of...

**Dialog eLink:** [Order File History](#)

7/3K/9 (Item 8 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00789111

**ELECTRONIC BOOK SECURITY AND COPYRIGHT PROTECTION SYSTEM**  
**SYSTEME DE SECURITE ET DE PROTECTION DU DROIT D'AUTEUR POUR**  
**LIVRE ELECTRONIQUE**

**Patent Applicant/Patent Assignee:**

- **DISCOVERY COMMUNICATIONS INC**  
7700 Wisconsin Avenue, Bethesda, MD 20815-3522; US; US(Residence);  
US(Nationality)

**Inventor(s):**

- **HENDRICKS John S**  
8723 Persimmon Tree Road, Montgomery County, Potomac, MD 20817; US
- **ASMUSSEN Michael L**  
2627 Meadow Hall Drive, Fairfax County, Oak Hill, VA 20171; US
- **McCOSKEY John S**  
4692 N. Lariat Drive, Douglas County, Castle Rock, CO 80104; US

**Legal Representative:**

- **HARROP John K(et al)(agent)**  
Dorsey & Whitney LLP, Suite 300 South, 1001 Pennsylvania Avenue, N.W.,  
Washington, DC 20004; US

	Country	Number	Kind	Date
Patent	WO	200122652	A2-A3	20010329
Application	WO	2000US25826		20000921
Priorities	US	99400296		19990921

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR,

BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM,  
EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,  
MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,  
TZ, UA, UG, UZ, VN, YU, ZA, ZW

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: English

Filing Language: English

Fulltext word count: 45207

### **Detailed Description:**

...added to the text of an electronic book. In 1 5 yet another embodiment, modification of line spacings is used to encode hidden identifying information.

Audio watermarking techniques can be used to encode identifying information into audio provided with electronic books. Graphic watermarking, using HighWater Designs' fingerprinted binary information technique or Digimarc...

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**Dialog eLink:** [Order File History](#)

7/3,K/11 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010902193 *Drawing available*

WPI Acc no: 2001-523052/200158

Related WPI Acc No: 2000-224113; 2001-603816; 2002-338007; 2002-469860; 2003-016027; 2005-178917; 2005-743509; 2006-086186; 2006-314711; 2006-328117; 2006-

723662

XRPX Acc No: N2002-062036

**Unique identification method for digital content on digital content player, by receiving first, second and third identifiers, and producing fourth unique identifier based on mathematical combination of identifiers**

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC); WISTRON CORP (WIST-N)

Inventor: DORACK J J; DORAK J J

Patent Family ( 12 patents, 30 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CN 1289100	A	20010328	CN 2000127012	A	20000914	200158	B
EP 1085443	A2	20010321	EP 2000308024	A	20000914	200212	ETAB
CA 2316762	A1	20010317	CA 2316762	A	20000817	200159	E
JP 2001160003	A	20010612	JP 2000279877	A	20000914	200159	E
KR 2001050381	A	20010615	KR 200053161	A	20000907	200171	E
US 6389403	B1	20020514	US 1998133519	A	19980813	200239	E
			US 1998177096	A	19981022		
			US 1999397419	A	19990917		
KR 444695	B	20040818	KR 200053161	A	20000907	200481	E
CA 2316762	C	20070403	CA 2316762	A	20000817	200726	E
CN 100345157	C	20071024				200830	E
EP 1085443	B1	20080827	EP 2000308024	A	20000914	200858	E
DE 60040041	E	20081009	DE 60040041	A	20000914	200868	E
			EP 2000308024	A	20000914		
JP 4347508	B2	20091021	JP 2000279877	A	20000914	200970	E

Priority Applications (no., kind, date): US 1998133519 A 19980813; US 1998177096 A 19981022; US 1999397419 A 19990917

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
CN 1289100	A	ZH		18	
CA 2316762	A1	EN			
JP 2001160003	A	JA	82		
EP 1085443	A2	EN	97	18	
Regional Designated	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI				

States,Original						
US 6389403	B1	EN			C-I-P of application	US 1998133519
					C-I-P of application	US 1998177096
					C-I-P of patent	US 6226618
KR 444695	B	KO			Previously issued patent	KR 2001050381
CA 2316762	C	EN				
EP 1085443	B1	EN				
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
DE 60040041	E	DE			Application	EP 2000308024
					Based on OPI patent	EP 1085443
JP 4347508	B2	JA	107		Previously issued patent	JP 2001160003

Original Publication Data by AuthorityArgentina**Publication No. ...Original**  
**Abstracts:**distribute via a website.1. Watermarking toolA watermarking tool gives a user the capability to implement the watermarking processing 808 demonstrated in the top.An **audio watermarking** technique is used for this tool, and it adds content 113 owner's copyright information to a music file.The information actually written in is...

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Set	Items	Description
S1	921028	(PROTECT? OR AGAINST OR BLOCK? OR REDUC? OR SHAM??? OR EMBARRASS? OR PREVENT? OR HEAD?()OFF OR HUMILIAT? OR LIMIT? OR DISCLAIM? OR RESTRICT? OR UNRESTRICT? OR WARN? OR FIGHT? ) (3N)(THEFT? OR MISUS??? OR UNAUTHORI? OR AUTHORI? OR USE OR USES OR DISTRIBUT? OR REDISTRIBUT? OR UNETHICAL? OR MALIC? OR PLAGIAR? OR ILLEGAL OR ILLICIT OR MISAPPROPRIAT? OR CONFIDENTIAL? OR (PASS? OR SPEAD?) (3W)(ALONG OR DATA OR INFORMATION?) OR DISSEMINAT? OR REDISSEMIN? OR CONTENT OR EXCLUSIVE? OR ONLY()FOR)
S2	29532	(SPOKEN OR OUT()LOUD OR VOCALI? OR VERBALI? OR AUDIBLE OR (ABLE OR POSSIBLE OR CAN) (3W)HEAR? OR OVERHEARD OR OVERHEARABLE OR WITHIN(2W)HEARING OR EARSHOT OR ANNOUNC? OR AURAL OR (ON OR THROUGH) (2W)(LOUDSPEAK? OR SPEAKER? OR TELEPHONE? OR PHONE?) OR ORALLY OR VERBAL OR RECIT? OR AUDIO) (5N)(IDENTIF? OR NAM??? OR IDENTIT? OR ID OR IDS OR RECIPIENT OR UNIQUE(2N)(LOCATION? OR COORDINATES) OR MONNIKER?)

S3 79 S1 (3N) S2  
 S4 39 S3 NOT AY>2003  
 S5 39 IDPAT (sorted in duplicate/non-duplicate order)  
 S6 39 IDPAT (primary/non-duplicate records only)  
 S7 624 (SPOKEN OR OUT()) LOUD OR VOCAL? OR VERBAL? OR AUDIBLE  
 OR (ABLE OR POSSIBLE OR CAN) (3W) HEAR? OR OVERHEARD OR OVERHEARABLE OR  
 WITHIN (2W) HEARING OR EARSHOT OR ANNOUNC? OR AURAL OR (ON OR  
 THROUGH) (2W) (LOUDSPEAK? OR SPEAKER? OR TELEPHONE? OR PHONE?) OR ORALLY  
 OR VERBAL OR RECIT? OR AUDIO) (5N) (WATER (2W) MARK? OR WATERMARK?)

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**File 20:Dialog Global Reporter 1997-2010/Feb 25**  
**(c) 2010 Dialog**

Set	Items	Description
S1	1762874	(PROTECT? OR AGAINST OR BLOCK? OR DETER OR DETERS OR DETERR? OR REDUC? OR SHAM??? OR EMBARRASS? OR PREVENT? OR HEAD? () OFF OR HUMILIAT? OR LIMIT? OR DISCLAIM? OR RESTRICT? OR UNRESTRICT? OR WARN? OR FIGHT? ) (3N) (THEFT? OR MISUS??? OR UNAUTHORI? OR AUTHORI? OR USE OR USES OR DISTRIBUT? OR REDISTRIBUT? OR UNETHICAL? OR MALIC? OR PLAGIAR? OR ILLEGAL OR ILLICIT OR MISAPPROPRIAT? OR CONFIDENTIAL? OR COPYRIGHT? OR RECOPY? OR REDISTRIBUT? OR (PASS? OR SPEAD?) (3W) (ALONG OR DATA OR INFORMATION?) OR DISSEMINAT? OR REDISSEMIN? OR CONTENT OR EXCLUSIVE? OR ONLY () FOR)
S2	7556	(SPOKEN OR OUT()) LOUD OR VOCAL? OR VERBAL? OR AUDIBLE OR (ABLE OR POSSIBLE OR CAN) (3W) HEAR? OR OVERHEARD OR OVERHEARABLE OR WITHIN (2W) HEARING OR EARSHOT OR ANNOUNC? OR AURAL OR (ON OR THROUGH) (2W) (LOUDSPEAK? OR SPEAKER? OR TELEPHONE? OR PHONE?) OR ORALLY OR VERBAL OR RECIT? OR AUDIO) (5N) (IDENTIF? OR NAM??? OR IDENTIT? OR ID OR IDS OR RECIPIENT OR UNIQUE (2N) (LOCATION? OR COORDINATES) OR MONNIKER?)
S3	7493	(SPEAK? OR SAY??? OR PRONOUNC?) (3N) (IDENTIF? OR NAM??? OR IDENTIT? OR ID OR IDS OR RECIPIENT OR UNIQUE (2N) (LOCATION? OR COORDINATES) OR MONNIKER?)
S4	140	S3 (3N) S1
S5	27	S4 NOT PY>2003
S6	305	S2 (3N) S1
S7	26	S6 NOT PY>2003



S8 98 AUDIO()WATERMARK?  
 S9 0 S8(S)AUDIBLE  
 S10 73 S8 NOT PY>2003  
 S11 0 S10(S)HEARD  
 S12 9084 CALL?(4N)NAME? ?  
 S13 76 S12(9N)S1  
 S14 28 S13 NOT PY>2003  
 S15 229 ANNOUNC?(5N)RECIPIENT?  
 S16 53 S15(S)S1  
 S17 16 S16 NOT PY>2003  
 S18 238 NAM??? (3N)RECIPIENT?  
 S19 1 CONFIDENTIAL?(5N)S18  
 S20 68 (S2 OR S3) (S) (SHAME OR SHAMES OR SHAMING OR EMBARRASS?  
 OR  
 NAM??? (3N) SHAM???)  
  
 S21 10 S20 NOT PY>2003  
 S22 14080 CONTENT(8N) (RECIPIENT? ? OR USER?)  
 S23 0 ((TRANSMI? OR SIGNAL?) (4N) (NAME? ? OR ID OR IDS OR  
 IDENTIFICATION?)) (6N)S22  
  
 S24 2333 S1(6N)S22  
 S25 53 S24(6N) (NAM??? OR IDENTIT? OR ID OR IDS OR RECIPIENT? OR  
 UNIQUE(2N) (LOCATION? OR COORDINATES) OR MONNIKER?)  
  
 S26 23 S25 NOT PY>2003

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**File 347:JAPIO Dec 1976-2009/Oct(Updated 100129)**

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**File 348:EUROPEAN PATENTS 1978-201008**

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**File 349:PCT FULLTEXT 1979-2010/UB=20100218|UT=20100211**

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**File 350:Derwent WPIX 1963-2010/UD=201013**

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Set	Items	Description
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S3	47	S2 (6N) S1
S4	32	S3 NOT AY>2003
S5	15	EYES () ONLY
S6	0	S5 (S) S1

26/3,K/5

DIALOG(R)File 20: Dialog Global Reporter

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**27131913 (USE FORMAT 7 OR 9 FOR FULLTEXT)**

**Authentica Gains Momentum in 2002; Growing Demand for Content Security Solutions to Meet HIPAA Privacy and Security Requirements Contributes to Doubled Sales Revenues**

BUSINESS WIRE

January 21, 2003

**Journal Code: WBWE Language: English Record Type: FULLTEXT**

**Word Count: 666**

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...privacy and data security regulations like HIPAA and Gramm-Leach-Bliley creates a significant market opportunity for content security solutions that allow organizations to persistently **protect content** after delivery to **recipients**."

Authentica's **content** security suite includes the SafeRoute secure messaging solution, PageRecall(TM) for secure document sharing and NetRecall(TM) for secure sharing of Web content. Authentica's...

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10/3,K/57

DIALOG(R)File 20: Dialog Global Reporter

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05125403 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**encoding.com and Aris Technologies Inc. Announce Licensing Agreement; encoding.com Designated as an Official MusiCode Encoding Center**

BUSINESS WIRE

April 28, 1999

**Journal Code:** WBWE **Language:** English **Record Type:** FULLTEXT

**Word Count:** 806

(USE FORMAT 7 OR 9 FOR FULLTEXT)

-

...the leading provider of Optimized audio and video encoding for the Internet, and ARIS Technologies, Inc., the leading developer of MusiCode(R)

and other proprietary **audio watermarking** systems, announced today the signing of a long term licensing agreement designating encoding.com as an official MusiCode(R) Encoding Center.

Under the terms of...

...well as new media ventures like licensemusic.com that enable innovative

new business models based on the digital distribution of audio and video.

MusiCode digital **audio watermarks** deliver indelible, inaudible copyright management information including content and source identification information. The MusiCode watermarks become integral parts

of the music itself, always traveling with...

...2600, Fax: 206/329-3276. On the web at [www.encoding.com](http://www.encoding.com).

About ARIS Technologies

Cambridge, Mass. based ARIS Technologies is an industry leader in **audio watermarking** technologies focusing on the varied

copyright protection, royalty distribution, marketing, market research and product distribution needs of the music, advertising, programming and media industries. Its...

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10/3,K/20

DIALOG(R)File 20: Dialog Global Reporter

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21210179 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Verance Announces New Chairman of the Board; Clifford H. Friedman Promoted to Chair**

BUSINESS WIRE

February 11, 2002

**Journal Code:** WBWE **Language:** English **Record Type:** FULLTEXT

**Word Count:** 542

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...Cerasoli. "We are grateful for David's valuable contributions and look

forward to his continued involvement and advice."

About Verance:

San Diego based Verance provides **audio watermarking** technology solutions for content use management as well as broadcast monitoring and airplay verification. Verance **audio watermarking** technologies are the foundation for the music industry standard for DVD Audio Copy Control and for SDMI, as well as for ConfirMedia, the premier broadcast...

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